

CORRECTED CERTIFICATE OF SERVICE

The undersigned hereby certifies that a true and correct copy of the foregoing **PATENT OWNER'S NOTICE OF APPEAL** was served on November 19, 2019, via email, to attorneys for Petitioner:

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The undersigned certifies that, in addition to being filed electronically through the Patent Trial and Appeal Board End to End (PTAB E2E) system on November 19, 2019, a true and correct copy of the foregoing **PATENT OWNER'S NOTICE OF APPEAL** was served November 20, 2019, on the Director of the United States Patent and Trademark Office at the following address:

Director of the United States Patent and Trademark Office
c/o Office of the General Counsel
Madison Building East, 10B20
600 Dulany Street
Alexandria, VA 22314-5793

The undersigned also certifies that a true and correct copy of the foregoing
PATENT OWNER'S NOTICE OF APPEAL was filed electronically on
November 19, 2019, with the United States Court of Appeals for the Federal
Circuit.

By: /Douglas J. Kline/

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